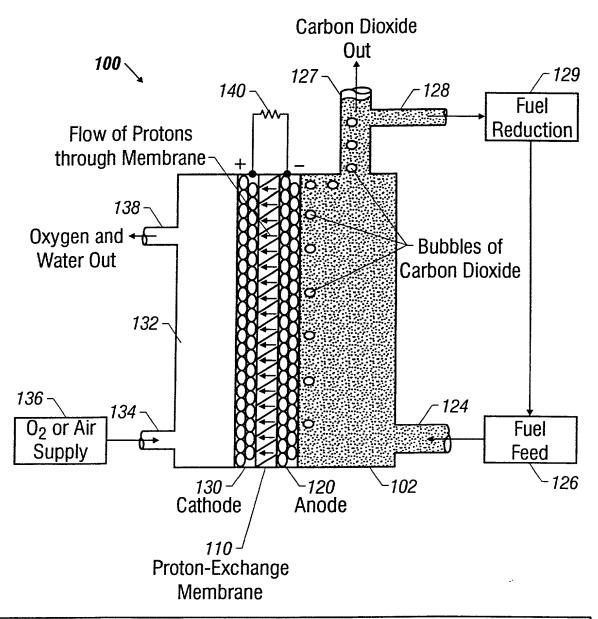
1/4



ANODE HALF-CELL REACTION:  $CH_3OH + H_2O \longrightarrow CO_2 + 6H^+ + 6e^-$ CATHODE HALF-CELL REACTION:  $O_2 + 4H^+ + 4e^- \longrightarrow 2H_2O$ OVERALL CELL REACTION:  $CH_3OH + 1.5O_2 \longrightarrow CO_2 + 2H_2O$ 

FIG. 1

2/4

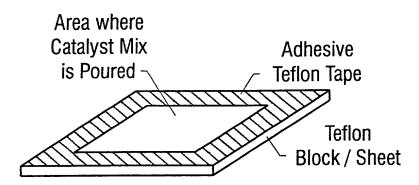


FIG. 2A

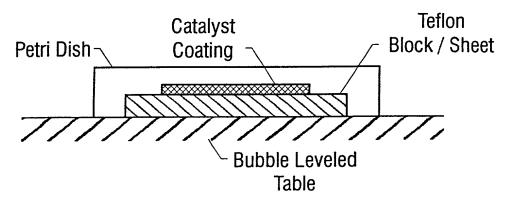


FIG. 2B

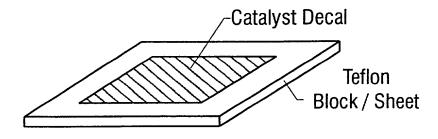
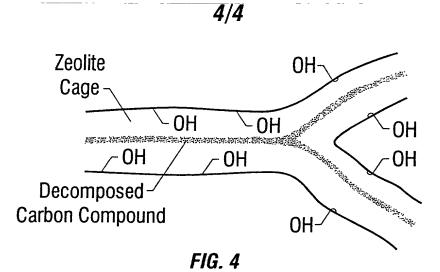
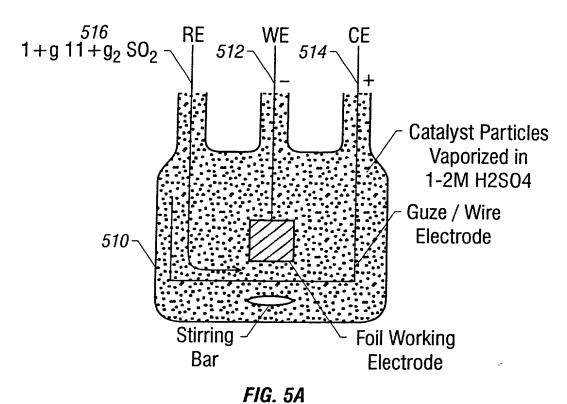


FIG. 2C

The state of the s





CE CE (Pt wire / gauze) WE-Glass Frit

FIG. 5B